

Derry-Londonderry I-93 Exit 4A (13065 Series)

Project Update

**New Hampshire Governor & Executive Council
Meeting**

June 30, 2021



Agenda:

- Background
- Contract Breakouts
- Project Schedule
- Final Design Progress
- Permitting Status
- Cost



Background

- New interchange proposed on I-93 in Londonderry, between Exit 4 and Exit 5
- **Purpose & Need:** Reduce congestion, improve safety and reduce traffic on local roads. Promote economic vitality in Derry & Londonderry
- Preliminary engineering & NEPA completed in early 2020



Background

- Project Improvements
 - New Londonderry interchange, with easterly access to Derry
 - New 5-Lane connector road – 1 mile
 - Folsom & Tsienneto Roads – 2.3 miles
 - 3 New bridges
 - Coordinated signal system
 - Stormwater treatment to meet MS4 (Municipal Separate Storm Sewer Systems)
 - ROW acquisitions



Background - Procurement

- Design-Build - 2020
 - Bids were based on approx. 25% design
 - Final design would still need to be completed
 - Project risk elements led to high bids
 - Not awarded
- Design-Bid-Build - 2021
 - Final design is completed before const. bidding
 - More control to manage and mitigate risk and cost
 - Multiple const. contracts
 - Facilitates the ROW process
 - More Competitive Bids



Contract Breakouts



Project Design Schedule

Contract	Design Schedule	Advertise	Design Team
13065A	Apr. 2021 – Mar. 2022	3/29/2022	VHB
13065B	May 2021 – Oct. 2023	10/31/2023	MJ
13065C	Feb. 2022 – Jan. 2025	1/7/2025	VHB



Project ROW Schedule

Cont.	Parcels	Full Acq.*	ROW Start	Duration (months)
13065A	26	2	Jun. 2021 – Mar. 2022	10
13065B	65	10	Feb. 2022 – Sep. 2023	20
13065C	100	0	Jan. 2023 – Dec. 2024	24

*NHDOT has secured possession of all full acquisition parcels.



Project Construction Schedule

Contract	Description	Construction
13065 (Various)	Building Demos	Fall 2021 – 2022
13065A	Interchange & Connector Road	2022 – 2023
13065B	Folsom Road	2024 – 2025
13065C	Tsienneto & NH Route 102	2025 – 2026



Status – All Contracts

- Ground survey
- Subsurface Utility Engineering (SUE)
- Geotechnical investigations
- Value engineering study



Status – 13065A Progress (Interchange and Connector Road)

- Preliminary design (35%) milestone
- Environmental data and permitting
- Contaminated site investigation & remediation
- ROW Acquisitions
- Cost saving opportunities



Construction of 13065A Achieves:

- Exit 4A Interchange
- Soundwalls along I-93
- Connector Road constructed to Derry town line
- Establishes construction access for economic development (Woodmont Commons)



Status – 13065B Progress (Folsom Road)

- Preliminary design (35%) milestone in August 2021
- Data gathering & analysis
- ROW Acquisitions
- Cost saving opportunities



Construction of 13065B Achieves:

- Ties Interchange/Connector Road to Derry
- Interchange can open to the public
- New bridge over Shields Brook
- Integrated traffic signal systems
- Enhanced capacity on Folsom Road



Status – 13065C Progress (Tsienneto Road)

- Data Gathering, Survey, Environmental
- Design schedule keeps ROW process moving
- Cost saving opportunities



Construction of 13065C Achieves:

- Corridor completion
- Rehabilitation of Tsienneto Road
- New Tributary E Bridge
- Signalization at NH Route 102 improves operations



Permitting Status

- NEPA Final Environmental Impact Statement (FEIS) & Record of Decision – February 2020
- Permits in place:
 - NHDES Wetlands
 - NHDES Shoreland Protection
 - Army Corps of Engineers
 - Section 401 Water Quality Certification
- Tracking environmental commitments:
 - 71 NEPA Commitments, 54 Permit Conditions



Estimated Cost

Project Cost Estimate	Cost (Mil)
Preliminary Engineering (PE)	\$18.81
ROW Acquisitions (purchase of properties)	\$15.76
Aquatic Resource Mitigation (ARM) Fund	\$4.51
Construction (Includes CE & Utilities)	\$61.87
Grand Total	\$100.95
With 10% Indirects	\$111.05



THANK YOU - QUESTIONS?

Preliminary/FEIS Phase Website: www.i93exit4a.com

Final Design/Construction Website: Coming Soon!

